

# Ann Arbor Public Schools Retro-Commissioning Program RCx Express and Standard Tracks



**Express:** Clague Middle School, Forsythe Middle/Wines Elementary Schools, Slauson Middle School, Huron High School, Pioneer High School. **Standard:** Skyline High School.

## What is Retro-Commissioning?

The DTE Energy Retro-Commissioning (RCx) Program provides a professional study of your existing building and process systems. Program specialists help you optimize and improve comfort and functionality while decreasing energy and maintenance costs over time.

The program is focused on tuning-up your existing equipment for more efficient performance, rather than upgrading or replacing it.

The retro-commissioning study is complimentary with opportunities for additional incentives and bonuses. Contact us to see if you qualify.

## Get Started Today!

For more information on the DTE Retro-Commissioning Program, visit [rcx.dteenergy.com](http://rcx.dteenergy.com), send an email to [DTERC@esciences.us](mailto:DTERC@esciences.us), or call 248.430.5579.

## Project details

Ann Arbor Public Schools (AAPS) participated in the RCx Program for several of their schools. AAPS found success in both the Express and Standard tracks.

The following energy efficiency improvements were identified, implemented, and verified through the RCx Program at the participating schools:

- Adjusted scheduling
- Adjusted setpoints for: static pressure, economizer, and temperature
- Adjusted supply fan and pump variable-frequency drives
- Adjusted temperature reset
- Adjusted airflow and outdoor air ventilation control

## Verified Electric Savings

Huron High School	178,084 kWh
Pioneer High School	42,453 kWh
Clague Middle School	41,686 kWh
Slauson Middle School	25,804 kWh
Forsythe Middle / Wines Elementary	48,936 kWh
Skyline High School	145,327 kWh
<b>Total verified savings</b>	<b>482,290 kWh</b>

Description	Cost (-)	Benefit (+)
Annual energy cost savings estimate		\$49,317
Implementation cost estimate	\$27,457	
Customer verification bonus		\$4,312
Customer bank bonus		\$4,823
Study cost funded by DTE		\$25,322
Implementation funding by DTE		\$15,000
<b>Total benefit</b>		<b>\$98,774</b>